EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050074037"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 19:37
S2	8	(Rickard with Robin or Fells with Jullan or Epworth with Richard).in. and (sub-carrier or subcarrier or sub-channel or subchannel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 19:54
S3	13	("20020075797" | "20030072255" | "20030112743" | "5602835" | "5726973" | "5959965" | "6088327" | "6237013" | "6252908" | "6314083" | "6359938" | "6363084" | "6628738"). PN. OR ("7020074").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/18 21:00
S4	2	("7266310").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/18 21:19
S5	9	channel status same FEC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:10
S6	41	channel state information same FEC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:10
S7	1279	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and optic$2 and (FFT or IFFT or fourier transform) and modulat$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:32
S8	668	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and optic$2 and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:33
S9	2	S8 and optical (sub-carrier or subcarrier) multiplex$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:34
S10	2	S8 and optical (sub-carrier or subcarrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:34

S11	7	S8 and (sub-carrier or subcarrier) multiplex$4	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:34
S12	167	S7 and (spac$3 or interval or distance or difference) with (sub-carrier or subcarrier) and multiplexed	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:39
S13	166	S12 and symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/18 22:39
S14	8	(("5339184") or ("5896211") or ("5757531") or ("5146359")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 10:05
S16	14	(("5850303") or ("7012912") or ("6469812") or ("6525857") or ("5999300") or ("5896211") or ("4581730")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 10:37
S17	14	(("5850303") or ("7012912") or ("6469812") or ("6525857") or ("5999300") or ("5896211") or ("4581730")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 10:38
S18	13	"20020089923" | "20040208139" | "5726978" | "5956642" | "5973642" | "5991273" | "6005876" | "6052594" | "6064692" | "6131016" | "6563885" | "6570444" | "6751444").PN. OR ("7012912").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/19 10:43
S19	2	("6538788").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 11:08
S20	14	(("6,373,861") or ("5,500,757") or ("7,154,975") or ("5,068,628") or ("6,985,548") or ("20050169165") or ("20050286649")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 11:13
S21	4	(("7,218,850") or ("5,168,509")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 11:30

S22	24	(("6,879,640") or ("5,541,955") or ("6,341,023") or ("20020167693") or ("20020163705") or ("6,525,857") or ("6,124,960A") or ("5822102") or ("7035285") or ("6580536") or ("20040067064") or ("5864625") or ("7272327")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/19 11:39
S24	2	(("5706313") or ("6088327")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/19 11:53
S25	50	(("4310841") or ("4348683") or ("4358797") or ("4363977") or ("4364048") or ("4370558") or ("4374396") or ("4389536") or ("4403208") or ("4434911") or ("4450589") or ("4458316") or ("4467411") or ("4486688") or ("4486771") or ("4558381") or ("4577184") or ("4591805") or ("4767997") or ("4785472") or ("4813031") or ("4856084") or ("4868572") or ("4926443") or ("4947171") or ("5027207") or ("5185657") or ("5245262") or ("5289448") or ("5539477") or ("5543859") or ("5561671") or ("5614803") or ("5638305") or ("5687724") or ("5719932") or ("5734674") or ("5774795") or ("5786872") or ("5877802") or ("5942957") or ("5952897") or ("6011824") or ("6021234") or ("6054705") or ("6078514") or ("6114890") or ("6119237") or ("6160773") or ("6233347")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/19 11:57
S26	1279	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and optic$2 and (FFT or IFFT or fourier transform) and modulat$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:09
S27	200	S26 and (spac$3 or interval or differe $3) with (sub-carrier or subcarrier) and multiplexed	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:09
S28	32	S26 and (spac$3 or interval or differe $3) with (sub-carrier or subcarrier) with (symbol rate or symbol period) and multiplexed	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:11
S29	3	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (FFT or IFFT or fourier transform) and optical modulat$4 and (subcarrier or sub-carrier) and (serial$4 or deserial$4 or de-serial$4 or parallel$4) and electric $3 and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:16

S30	6	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (FFT or IFFT or fourier transform) and optical modulat$4 and (subcarrier or sub-carrier) and (serial$4 or deserial$4 or de-serial$4 or parallel$4) and electric $3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:19
S31	3	S30 not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:20
S32	102	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and (serial$4 or deserial$4 or de-serial$4 or parallel$4) and electric $3 and fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:23
S33	98	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and (serial$4 or deserial$4 or de-serial$4 or parallel$4) and electric $3 and fiber and optic$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:24
S34	12	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and optic$2 and (mapper or map or mapping) and (threshold decoder or (maximum likelihood sequence$3 estimat$3) or MLSE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:05
S35	151	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and optic$2 and (mapper or map or mapping) and (threshold or (maximum likelihood sequenc$3 estimat$3) or MLSE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:08
S36	1	S34 and (threshold decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:09
S37	113	S35 not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:16
S38	107	S37 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:16

S39	0	S38 and decision threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:17
S40	50	S38 and threshold near2 (decision or detection or value)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:20
S41	67	S35 and threshold near2 (decision or detection or value)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:20
S42	20	S41 and (FEC or (forward error correct $3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:51
S43	16	S42 and optica$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:58
S44	0	US "20040066736" A1 US "20030232601" A1 US "20030231725" A1 US "20030182616" A1 US "20030099287" A1 US "6320917" B1 WO "2004109961" A2 US "7260055" B2 US "5896211" A US "5757531" A US "5339184" A US "5146359" A US "7012912" B2 US "6525857" B1 US "5999300" A US "20020089923" A1 US "20040208139" A1 US "6064692" A US "5726978" A US "20050286649" A1 US "6373861" B1 US "5168509" A US "20020167693" A1 US "6879640" B1 US "6341023" B1 US "5864625" A US "20040131011" A1 US "20040081074" A1 US "6539063" B1 US "20020137464" A1 US "20050047513" A1 US "20040086027" A1 US "20040037214" A1 US "7317750" B2 US "7269774" B2 US "7002934" B2 US "6891887" B1 US "6816452" B1 US "6609039" B1 US "6091932" A US "20050100120" A1 US "20050032514" A1 US "20040264585" A1 US "20020181509" A1 US "20020126774" A1 US "7286617" B2 US "7286609" B2 US "6959052" B2 US "6442211" B1 US "6411664" B1	US-PGPUB; USPAT	ADJ	ON	2008/03/20 11:48

| S45 | 0 | ("US20040066736A1") or ("US20030232601A1") or ("US20030231725A1") or ("US20030182616A1") or ("US20030099287A1") or ("US6320917B1") or ("WO2004109961A2") or ("US7260055B2") or ("US5896211A") or ("US5757531A") or ("US5339184A") or ("US5146359A") or ("US7012912B2") or ("US6525857B1") or ("US5999300A") or ("US20020089923A1") or ("US20040208139A1") or ("US6064692A") or ("US5726978A") or ("US20050286649A1") or ("US6373861B1") or ("US5168509A") or ("US20020167693A1") or ("US6879640B1") or ("US6341023B1") or ("US5864625A") or ("US20040131011A1") or ("US20040081074A1") or ("US6539063B1") or ("US20020137464A1") or ("US20050047513A1") or ("US20040086027A1") or ("US20040037214A1") or ("US7317750B2") or ("US7269774B2") or ("US7002934B2") or ("US6891887B1") or ("US6816452B1") or ("US6609039B1") or ("US6091932A") or ("US20050100120A1") or ("US20050032514A1") or ("US20040264585A1") or ("US20020181509A1") or ("US20020126774A1") or ("US7286617B2") or ("US7286609B2") or ("US6959052B2") or ("US6442211B1") or ("US6411664B1")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/20 12:53 |
| S46 | 49 | (("20040066736") or ("20030232601") or ("20030231725") or ("20030182616") or ("20030099287") or ("6320917") or ("7260055") or ("5896211") or ("5757531") or ("5339184") or ("5146359") or ("7012912") or ("6525857") or ("5999300") or ("20020089923") or ("20040208139") or ("6064692") or ("5726978") or ("20050286649") or ("6373861") or ("5168509") or ("20020167693") or ("6879640") or ("6341023") or ("5864625") or ("20040131011") or ("20040081074") or ("6539063") or ("20020137464") or ("20050047513") or ("20040086027") or | US-PGPUB; USPAT | OR | OFF | 2008/03/20 13:01 |

		("20040037214") or ("7317750") or ("7269774") or ("7002934") or ("6891887") or ("6816452") or ("6609039") or ("6091932") or ("20050100120") or ("20050032514") or ("20040264585") or ("20020181509") or ("20020126774") or ("7286617") or ("7286609") or ("6959052") or ("6442211") or ("6411664")).PN.				
S47	51	S46 or (WO "2004109961")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:02
S49	0	S47 and (FEC or (forward error correct $3)) and threshold and optic$2 and (mapper or mapping or map or mapped) and symbol and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and threshold and ((maximum likelihood sequenc$3 estimat$3) or MLSE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:09
S50	6	S47 and (FEC or (forward error correct $3)) and threshold and optic$2 and (mapper or mapping or map or mapped) and symbol and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and (threshold or ((maximum likelihood sequenc$3 estimat$3) or MLSE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:12
S51	6	S47 and (FEC or (forward error correct $3)) and threshold and optic$2 and (mapper or mapping or map or mapped) and (symbol (period or interval)) and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and (threshold or ((maximum likelihood sequenc$3 estimat$3) or MLSE))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:18
S52	0	(lee with jin)".in" and ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:26
S53	89	(lee with jin).in. and ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:26
S54	5	(lee with jin).in. and ofdm and wireless and channel state information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:27

S55	3	wo "9637062"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:44
S56	13	S47 and channel state information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 13:46
S57	3	("7002934").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 19:37
S58	2	("20050231783").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 20:55
S59	2	("5896211").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 21:12
S60	2	("20020126774").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 21:39
S61	7	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and optical modulat$3 and (FFT or IFFT or fourier transform) and (subcarrier or sub-carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 21:55
S62	115	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and modulat$3 and (FFT or IFFT or fourier transform) and (subcarrier or sub-carrier) and optical fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 21:58
S63	98	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (FFT or IFFT or fourier transform) and modulat$4 and (subcarrier or sub-carrier) and (serial$4 or deserial$4 or de-serial$4 or parallel$4) and electric $3 and fiber and optic$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 21:59
S64	63	S62 not S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 21:59
S65	61	S64 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/20 21:59

S66	2	("7277498").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/20 22:58
S67	5	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and optic$2 and (FFT or IFFT or fourier transform) and (subcarrier or sub-carrier) and reference tone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 09:48
S68	49	(("20040066736") or ("20030232601") or ("20030231725") or ("20030182616") or ("20030099287") or ("6320917") or ("7260055") or ("5896211") or ("5757531") or ("5339184") or ("5146359") or ("7012912") or ("6525857") or ("5999300") or ("20020089923") or ("20040208139") or ("6064692") or ("5726978") or ("20050286649") or ("6373861") or ("5168509") or ("20020167693") or ("6879640") or ("6341023") or ("5864625") or ("20040131011") or ("20040081074") or ("6539063") or ("20020137464") or ("20050047513") or ("20040086027") or ("20040037214") or ("7317750") or ("7269774") or ("7002934") or ("6891887") or ("6816452") or ("6609039") or ("6091932") or ("20050100120") or ("20050032514") or ("20040264585") or ("20020181509") or ("20020126774") or ("7286617") or ("7286609") or ("6959052") or ("6442211") or ("6411664")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/21 09:56
S69	55	S68 or (WO "2004109961") or "20020041637".pn. or "6430148".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 09:56
S70	33	S69 and ((pilot or reference) with (tone or signal or carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 09:58
S71	8	S69 and reference near (tone or signal or carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 09:59
S72	20	S69 and pilot with (tone or signal or carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 10:31

S73	17	S72 not S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 10:31
S74	25	S70 not S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 10:55
S75	25	S74 not "I20"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 10:55
S76	8	S74 not S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 10:55
S77	2	("20020137464").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/21 11:31
S78	11	S69 and (differential phase shift or dpsk or dqpsk)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 11:45
S79	1	S69 and ((pilot or reference) with (tone or signal or carrier)) and (depth with modulat$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 12:09
S80	1	((pilot or reference or modulation) with (tone or signal or carrier)) same (depth with modulat$3) and (fee with john).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 12:10
S81	97	((pilot or reference or modulation) with (tone or signal or carrier)) same (depth with modulat$3) same (decod $3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 12:15
S82	11	((pilot or reference or modulation) with (tone or signal or carrier)) same (depth with modulat$3) same (decod $3)and (CFDM or (Orthogonal Frequency Division Multiplex$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 12:15
S83	2	S69 and (coherent detect$3) and local near2 oscillator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 12:49

S84	2	("20020041637").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/21 15:46
S85	2	("6430148").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/21 15:48
S86	29	S69 and (threshold or (maximum likelihood sequenc$3 estimat$3) or MLSE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 15:56
S87	49	(("20040066736") or ("20030232601") or ("20030231725") or ("20030182616") or ("20030099287") or ("6320917") or ("7260055") or ("5896211") or ("5757531") or ("5339184") or ("5146359") or ("7012912") or ("6525857") or ("5999300") or ("20020089923") or ("20040208139") or ("6064692") or ("5726978") or ("20050286649") or ("6373861") or ("5168509") or ("20020167693") or ("6879640") or ("6341023") or ("5864625") or ("20040131011") or ("20040081074") or ("6539063") or ("20020137464") or ("20050047513") or ("20040086027") or ("20040037214") or ("7317750") or ("7269774") or ("7002934") or ("6891887") or ("6816452") or ("6609039") or ("6091932") or ("20050100120") or ("20050032514") or ("20040264585") or ("20020181509") or ("20020126774") or ("7286617") or ("7286609") or ("6959052") or ("6442211") or ("6411664")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/21 20:01
S88	55	S87 or (WO "2004109961") or "20020041637".pn. or "6430148".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 20:01
S89	5	S88 and (decoder same (threshold or (maximum likelihood sequenc$3 estimat$3) or MLSE))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 20:01
S90	2	S88 and ((maximum likelihood sequenc$3 estimat$3) or MLSE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 20:07

S91	3	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and optic$2 and (FFT or IFFT or fourier transform) and (subcarrier or sub-carrier) and (decoder same ((maximum likelihood sequenc$3 estimat$3) or MLSE))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 20:13
S92	49	(("20040066736") or ("20030232601") or ("20030231725") or ("20030182616") or ("20030099287") or ("6320917") or ("7260055") or ("5896211") or ("5757531") or ("5339184") or ("5146359") or ("7012912") or ("6525857") or ("5999300") or ("20020089923") or ("20040208139") or ("6064692") or ("5726978") or ("20050286649") or ("6373861") or ("5168509") or ("20020167693") or ("6879640") or ("6341023") or ("5864625") or ("20040131011") or ("20040081074") or ("6539063") or ("20020137464") or ("20050047513") or ("20040086027") or ("20040037214") or ("7317750") or ("7269774") or ("7002934") or ("6891887") or ("6816452") or ("6609039") or ("6091932") or ("20050100120") or ("20050032514") or ("20040264585") or ("20020181509") or ("20020126774") or ("7286617") or ("7286609") or ("6959052") or ("6442211") or ("6411664")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/21 21:49
S93	55	S92 or (WO "2004109961") or "20020041637".pn. or "6430148".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 21:49
S94	4	S93 and coherent detection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 21:49
S95	0	S93 and hyter$5 detect$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 21:50
S96	4	S93 and coherent detect$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 21:50

S97	14	S93 and hybrid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 21:51
S98	5	S93 and hetero$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/21 21:53
S99	15	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and multiplexed and optical demultiplex$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 09:40
S100	11	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and (amplitude or intensity) modulat$3 same phase modulat$ and ((mach-zehnder or MZ) modulator or MZM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 10:28
S101	2	("5999300").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/22 10:30
S102	19	(OFDM or (Orthogonal Frequency Division Multiplex$4)) and phase modulat$ with ((mach-zehnder or MZ) modulator or MZM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 10:34
S103	5	(amplitude or intensity) modulator same phase modulat$ same ((mach-zehnder or MZ) modulator or MZM) same parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 10:37
S104	49	(amplitude or intensity) modulator same phase modulat$ same ((mach-zehnder or MZ) modulator or MZM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 10:41
S105	44	S104 not S103	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 10:41
S106	2	("7286609").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/22 12:49
S107	0	("l11and((channelstateinformation) orCSI)with(FECorerrorcorrect$3)").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/22 13:26

S108	0	S106 and ((channel state information) or CSI) with (FEC or error correct$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 13:27
S109	0	S106 and ((channel state information) or CSI) same (FEC or error correct$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 13:28
S110	2	S106 and ((channel state information) or CSI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 13:28
S111	0	S106 and ((channel state information) or CSI) same decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 13:30
S112	1	S106 and ((channel state information) or CSI) with sma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 13:31
S113	1	S106 and decod$3 with sma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 13:33
S114	49	(("20040066736") or ("20030232601") or ("20030231725") or ("20030182616") or ("20030099287") or ("6320917") or ("7260055") or ("5896211") or ("5757531") or ("5339184") or ("5146359") or ("7012912") or ("6525857") or ("5999300") or ("20020089923") or ("20040208139") or ("6064692") or ("5726978") or ("20050286649") or ("6373861") or ("5168509") or ("20020167693") or ("6879640") or ("6341023") or ("5864625") or ("20040131011") or ("20040081074") or ("6539063") or ("20020137464") or ("20050047513") or ("20040086027") or ("20040037214") or ("7317750") or ("7269774") or ("7002934") or ("6891887") or ("6816452") or ("6609039") or ("6091932") or ("20050100120") or ("20050032514") or ("20040264585") or ("20020181509") or ("20020126774") or ("7286617") or ("7286609") or ("6959052") or ("6442211") or ("6411664")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/22 14:18

S115	55	S114 or (WO "2004109961") or "20040041637".pn. or "6430148".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:18
S116	48	S115 and ((pilot or reference or modulation) with (tone or signal or carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:18
S117	33	S115 and ((pilot or reference) with (tone or signal or carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:19
S118	22	S115 and reference with (tone or signal or carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:20
S119	40	S115 and ((pilot or reference or modulation) near2 (tone or signal or carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:21
S120	36	S115 and ((pilot or reference or modulation) near (tone or signal or carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:21
S121	6	S115 and (((pilot or reference or modulation) near (tone or signal or carrier)) same insert$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:43
S122	1	((pilot or reference or modulation) with (tone or signal or carrier)) and (depth with modulat$3) and (fee with john).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/22 14:48
S124	2	("6430148").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/22 19:35
S126	2	("6430148").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/22 19:35
S127	2	("20020041637").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 10:50

S128	2	("7286609").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 12:13
S129	2	("20070116465").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 13:41
S130	2	("6388786").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 15:27
S131	2	("6259836").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 15:27
S132	2	("20040223759").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/24 15:34

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